

Title (en)

Infrared-absorbing inkjet ink composition for security document personalization

Title (de)

Infrarotabsorbierende Tintenstrahlintenzusammensetzung zur Sicherheitsdokumentpersonalisierung

Title (fr)

Composition d'encre pour jet d'encre absorbant les infrarouges pour la personnalisation de documents de sécurité

Publication

**EP 2942378 B1 20160824 (EN)**

Application

**EP 14461527 A 20140507**

Priority

EP 14461527 A 20140507

Abstract (en)

[origin: EP2942378A1] An inkjet ink composition comprising: at least one near infrared (NIR) absorbent selected from the group consisting of: metal dithiolene complexes, cyanines, and phthalocyanines in amount of from 0,05% to 5% w/w; gamma-butyrolactone as a solvent in amount of from 1% to 30% w/w; 2-butoxyethyl acetate as a solvent in amount of from 50% to 95% w/w; and vinylchloride-vinylacetate copolymer as a binder in amount of from 0,1% to 5% w/w.

IPC 8 full level

**C09D 11/32** (2014.01); **B41M 3/14** (2006.01); **C09D 11/38** (2014.01)

CPC (source: EP)

**C09D 11/32** (2013.01); **C09D 11/38** (2013.01); **B41M 3/14** (2013.01)

Cited by

EP3476907A1; WO2022013081A1; US11383433B2; WO2019081537A1; WO2019057683A1; US11161866B2; US10781228B2; US10780633B2; WO2024061898A3; WO2024061899A3; WO2024061899A2; WO2024061898A2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 2942378 A1 20151111**; **EP 2942378 B1 20160824**; CY 1118415 T1 20170628; HR P20161278 T1 20170113; HU E029894 T2 20170428; LT 2942378 T 20161212; PL 2942378 T3 20170731; RS 55367 B1 20170331

DOCDB simple family (application)

**EP 14461527 A 20140507**; CY 161101022 T 20161013; HR P20161278 T 20161005; HU E14461527 A 20140507; LT 14461527 T 20140507; PL 14461527 T 20140507; RS P20160829 A 20140507